


```
Db 181 GQPELOKPKKYTTVTKRSRRIRPTHPA 207

RESULT 2
US-10-081-347-2
; Sequence 2, Application US/10081347
; Publication No. US20030008351A1
; GENERAL INFORMATION:
; APPLICANT: Delsher, Theresa A.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Raymond, Renella
; APPLICANT: Bukowski, Thomas R.
; APPLICANT: Holderman, Susan D.
; APPLICANT: Hansen, Birgit
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: NOVEL FGF HOMOLOGS
; FILE REFERENCE: 96-2001
; CURRENT APPLICATION NUMBER: US/10/081,347
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: US/09/229,947
; PRIOR FILING DATE: 1999-01-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-081-347-2

Query Match
Best Local Similarity 100.0%; Score 1097; DB 9; Length 207;
Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYSAPSACTCICLHFLLCFOYQVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60
Db 1 MYSAPSACTCICLHFLLCFOYQVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60
QY 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120
Db 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120
QY 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWYVGTGKGRPRKGPRTRENQDVHFMKRYRK 180
Db 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWYVGTGKGRPRKGPRTRENQDVHFMKRYRK 180
QY 181 GQPELOKPKKYTTVTKRSRRIRPTHPA 207
Db 181 GQPELOKPKKYTTVTKRSRRIRPTHPA 207

RESULT 3
US-09-822-485-21
; Sequence 21, Application US/09822485
; Patent No. US20020001825A1
; GENERAL INFORMATION:
; APPLICANT: Itch, No. US20020001825A1uyuki
; TITLE OF INVENTION: No. US20020001825A1el Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 08035, 0001-01000
; CURRENT APPLICATION NUMBER: US/09/822,485
; CURRENT FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-822-485-21

Query Match
Best Local Similarity 100.0%; Score 1097; DB 10; Length 207;
Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYSAPSACTCICLHFLLCFOYQVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60
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```
Db 181 GQPELOKPKKYTTVTKRSRRIRPTHPA 207

RESULT 4
US-09-284-663A-15
; Sequence 15, Application US/09284663A
; Patent No. US20020012961A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Lawrence, David A.
; TITLE OF INVENTION: Fibroblast Growth Factor-19
; FILE REFERENCE: P1219R1(e)
; CURRENT APPLICATION NUMBER: US/09/284,663A
; CURRENT FILING DATE: 1999-04-15
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 15
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-284-663A-15

Query Match
Best Local Similarity 100.0%; Score 1097; DB 10; Length 207;
Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYSAPSACTCICLHFLLCFOYQVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60
Db 1 MYSAPSACTCICLHFLLCFOYQVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60
QY 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120
Db 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120
QY 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWYVGTGKGRPRKGPRTRENQDVHFMKRYRK 180
Db 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWYVGTGKGRPRKGPRTRENQDVHFMKRYRK 180
QY 181 GQPELOKPKKYTTVTKRSRRIRPTHPA 207
Db 181 GQPELOKPKKYTTVTKRSRRIRPTHPA 207

RESULT 5
US-09-820-596-2
; Sequence 2, Application US/09820596
; Publication No. US20030022170A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran Mohammad
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
; THERAPEUTIC AND DIAGNOSTIC USES THEREFOR
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
```

```

; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/820,596
; FILING DATE: 29-Mar-2001
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 09/036,594
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold E., Belh
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-026.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 207 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-820-596-2

```

```

Query Match          98.9%; Score 1085; DB 9; Length 207;
Best Local Similarity 99.5%; Pred. No. 1.8e-101;
Matches 205; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 MYSAPSACTCLCHFLLCFOVOYLVAEENVDFRIHVENOTRADVDYSRKQLRLYQLYSR 60
    |||||||
DB 1 MYSAPSACTCLCHFLLCFOVOYLVAEENVDFRIHVENOTRADVDYSRKQLRLYQLYSR 60
    |||||||
QY 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFFSGVARIKGETEFYLCMNRKGLVGP 120
    |||||||
DB 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFFSGVARIKGETEFYLCMNRKGLVGP 120
    |||||||
QY 121 DGTSECEVFTEKYLENNYALMSAKYSGWYGFTRKGRPRKGPRTRENQDVHFMKRYPK 180
    |||||||
DB 121 DGTSECEVFTEKYLENNYALMSAKYSGWYGFTRKGRPRKGPRTRENQDVHFMKRYPK 180
    |||||||
QY 181 GQPELOKPFKYTYTKRSRIRPTHP 206
    |||||||
DB 181 GQPELOKPFKYTYTKRSRIRPTHP 206
    |||||||

```

```

RESULT 6
US-10-081-347-39
; Sequence 39, Application US/10081347
; Publication No. US20030008351A1
; GENERAL INFORMATION:
; APPLICANT: Deisher, Theresa A.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Raymond, Fenella R.
; APPLICANT: Bukowski, Thomas R.
; APPLICANT: Holderman, Susan D.
; APPLICANT: Hansen, Birgit
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: NOVEL FGF HOMOLOGS
; FILE REFERENCE: 96-20C1
; CURRENT APPLICATION NUMBER: US/10/081,347
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: US/09/229,947
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 207
; TYPE: PRT

```

```

; ORGANISM: Mus musculus
US-10-081-347-39

```

```

Query Match          98.5%; Score 1081; DB 9; Length 207;
Best Local Similarity 99.0%; Pred. No. 4.7e-101;
Matches 204; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1 MYSAPSACTCLCHFLLCFOVOYLVAEENVDFRIHVENOTRADVDYSRKQLRLYQLYSR 60
    |||||||
DB 1 MYSAPSACTCLCHFLLCFOVOYLVAEENVDFRIHVENOTRADVDYSRKQLRLYQLYSR 60
    |||||||
QY 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFFSGVARIKGETEFYLCMNRKGLVGP 120
    |||||||
DB 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFFSGVARIKGETEFYLCMNRKGLVGP 120
    |||||||
QY 121 DGTSECEVFTEKYLENNYALMSAKYSGWYGFTRKGRPRKGPRTRENQDVHFMKRYPK 180
    |||||||
DB 121 DGTSECEVFTEKYLENNYALMSAKYSGWYGFTRKGRPRKGPRTRENQDVHFMKRYPK 180
    |||||||
QY 181 GQPELOKPFKYTYTKRSRIRPTHP 206
    |||||||
DB 181 GQPELOKPFKYTYTKRSRIRPTHP 206
    |||||||

```

```

RESULT 7
US-09-820-596-5
; Sequence 5, Application US/09820596
; Publication No. US20030022170A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran Mohammad
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
; THERAPEUTIC AND DIAGNOSTIC USES THEREFOR
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/820,596
; FILING DATE: 29-Mar-2001
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 09/036,594
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold E., Belh
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-026.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 207 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-820-596-5

```

```

Query Match          98.5%; Score 1081; DB 9; Length 207;
Best Local Similarity 99.0%; Pred. No. 4.7e-101;
Matches 204; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1 MYSAPSACTCLCHFLLCFOVOYLVAEENVDFRIHVENOTRADVDYSRKQLRLYQLYSR 60
    |||||||

```

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Db 1 MYSAPACTCLHFLLLCFQVYLAENVDFRIHVENGTARDVSRKQLRLYLQYSR 60
QY 61 TSGKHIVQLGRRISARGEDGKYAQLLVETDFFGSOVRKIKETEFYLCMNRKGLVGP 120
    |||||
Db 61 TSGKHIVQLGRRISARGEDGKYAQLLVETDFFGSOVRKIKETEFYLCMNRKGLVGP 120
QY 121 DGTSECEVFIEKYLENNYALMSAKYSGWYVGFYKGRPRKGPRTRENQDVHMKRYPK 180
    |||||
Db 121 DGTSECEVFIEKYLENNYALMSAKYSGWYVGFYKGRPRKGPRTRENQDVHMKRYPK 180
QY 181 GQPELQKPFYTYTKRSRRIRPTHP 206
    |||||
Db 181 GQPELQKPFYTYTKRSRRIRPTHP 206

RESULT 8
US-09-901-938-28
; Sequence 28, Application US/09901938
; Patent No. US20020156001A1
; GENERAL INFORMATION:
; APPLICANT: ECONOS, Michael
; APPLICANT: WHITE, Kenneth
; APPLICANT: STROM, Tim
; APPLICANT: METTINGER, Thomas
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
; FILE REFERENCE: 053884-5001
; CURRENT APPLICATION NUMBER: US/09/901,938
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/219,137
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-09-901-938-28

Query Match
Best Local Similarity 98.5%; Score 712; DB 9; Length 137;
Matches 135; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 47 VSRKQLRLYLQYSRISGKHIVQLGRRISARGEDGKYAQLLVETDFFGSOVRKIKETEF 106
    |||||
Db 1 VSRKQLRLYLQYSRISGKHIVQLGRRISARGEDGKYAQLLVETDFFGSOVRKIKETEF 60
QY 107 YLCMNRKGLVGPRTSECEVFIEKYLENNYALMSAKYSGWYVGFYKGRPRKGPRT 166
    |||||
Db 61 YLCMNRKGLVGPRTSECEVFIEKYLENNYALMSAKYSGWYVGFYKGRPRKGPRT 120
QY 167 ENQDVHMKRYPK 183
    |||||
Db 121 ENQDVHMKRYPK 137

RESULT 9
US-09-251-263-6
; Sequence 6, Application US/09251263
; Patent No. US20020052477A1
; GENERAL INFORMATION:
; APPLICANT: Nathans, Jeremy
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Macke, Jennifer P.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
; TITLE OF INVENTION: FACTOR-1 (FHF-1) AND METHODS OF USE
; FILE REFERENCE: 07265/047003
; CURRENT APPLICATION NUMBER: US/09/251,263
; PRIOR FILING DATE: 1999-02-16
; PRIOR APPLICATION NUMBER: 08/867,471
; EARLIER FILING DATE: 1997-06-02
; EARLIER APPLICATION NUMBER: 08/439,725
; EARLIER FILING DATE: 1995-05-12
; NUMBER OF SEQ ID NOS: 15
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 215
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-251-263-6

Query Match
Best Local Similarity 54.3%; Score 596; DB 10; Length 215;
Matches 111; Conservative 35; Mismatches 44; Indels 2; Gaps 2;

QY 1 MYSAPACTCLHFLLLCFQVYLAENVDFRIHVENGTARDVSRKQLRLYLQYSR 60
    |||||
Db 1 MGSFRAVLSCLHLLVLCLOAVTV-QSSPNFTQHVREOSLVTDLSRRLIFLYQYSR 59
QY 61 TSGKHIVQLGRRISARGEDGKYAQLLVETDFFGSOVRKIKETEFYLCMNRKGLVGP 119
    |||||
Db 60 TSGKHIVQLGRRISARGEDGKYAQLLVETDFFGSOVRKIKETEFYLCMNRKGLVGP 119
QY 120 PDGTSECEVFIEKYLENNYALMSAKYSGWYVGFYKGRPRKGPRTRENQDVHMKRYP 179
    |||||
Db 120 SNGKGDVCFIEKYLENNYALMSAKYSGWYVGFYKGRPRKGPRTRENQDVHMKRYP 179
QY 180 KQPELQKPFY 191
    |||||
Db 180 RGHHTTEQSLRF 191
```

```
RESULT 10
US-09-820-596-11
; Sequence 11, Application US/09820596
; Publication No. US20030022170A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran Mohammad
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
; THERAPEUTIC AND DIAGNOSTIC USES THEREFOR
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/820,596
; FILING DATE: 29-Mar-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/036,594
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold E., Beth
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-026.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 215 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-820-596-11

Query Match
53.9%; Score 591; DB 9; Length 215;
```

Best Local Similarity 57.3%; Pred. No. 9.7e-52;
Matches 110; Conservative 35; Mismatches 45; Indels 2; Gaps 2;

```
OY 1 MYSAPSACTGCLHFLICFOYVLAENVDRIHVENOTRARDVSRKOLRYOLYSR 60
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 MGSPPSALSCLLHLVLCLOAQVTV-OSSPNFTQHVREOSLVTDQLSRRLRYOLYSR 59
OY 61 TSGKHIOVL-GRRISARGEDGDKYAQLVETDFTGSOVRKIKETEFLICMNRKGLYK 119
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 60 TSGKHVOVLANKRINAMAEDEDPFAKLIVETDFTGSRVRAEGAETGLYICMNRKGLYK 119
OY 120 PDGTSKECVFTEKVLNNYNTALMSAKYSGWYVGTFRKGRPKRPTRENOQDVHFMKRY 179
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 120 SNGKGDVFTFTEIYVLENNYNTALQNAKYGWYMAFTFRKGRPKRSGTRQHQREVEHMKRLP 179
OY 180 KGQPELOKPEKY 191
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 180 RGHHTTEOSLRF 191
```

RESULT 11

US-09-425-021-16
Sequence 16, Application US/09425021
Patent No. US20020076748A1
GENERAL INFORMATION:
APPLICANT: Greene, John M.
APPLICANT: Rosen, Craig A.
TITLE OF INVENTION: Fibroblast Growth Factor 15
FILE REFERENCE: PR20301
CURRENT APPLICATION NUMBER: US/09/425,021
CURRENT FILING DATE: 1999-10-25
EARLIER APPLICATION NUMBER: 09/103,079
EARLIER FILING DATE: 1998-06-23
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
LENGTH: 215
TYPE: PRT
ORGANISM: Homo sapiens
US-09-425-021-16

Query Match 53.9%; Score 591; DB 10; Length 215;
Best Local Similarity 57.3%; Pred. No. 9.7e-52;
Matches 110; Conservative 35; Mismatches 45; Indels 2; Gaps 2;

```
OY 1 MYSAPSACTGCLHFLICFOYVLAENVDRIHVENOTRARDVSRKOLRYOLYSR 60
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 MGSPPSALSCLLHLVLCLOAQVTV-OSSPNFTQHVREOSLVTDQLSRRLRYOLYSR 59
OY 61 TSGKHIOVL-GRRISARGEDGDKYAQLVETDFTGSOVRKIKETEFLICMNRKGLYK 119
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 60 TSGKHVOVLANKRINAMAEDEDPFAKLIVETDFTGSRVRAEGAETGLYICMNRKGLYK 119
OY 120 PDGTSKECVFTEKVLNNYNTALMSAKYSGWYVGTFRKGRPKRPTRENOQDVHFMKRY 179
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 120 SNGKGDVFTFTEIYVLENNYNTALQNAKYGWYMAFTFRKGRPKRSGTRQHQREVEHMKRLP 179
OY 180 KGQPELOKPEKY 191
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 180 RGHHTTEOSLRF 191
```

RESULT 12

US-09-749-728B-63
Sequence 63, Application US/09749728B
Patent No. US20020142457A1
GENERAL INFORMATION:
APPLICANT: Umezawa, Akihito
APPLICANT: Hata, Jun-ichi
APPLICANT: Fukuda, Keiichi
APPLICANT: Ogawa, Satoshi
APPLICANT: Sakurada, Kazuhiro
APPLICANT: Gojo, Satoshi

APPLICANT: Yamada, Yoji
TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARD

FILE REFERENCE: 00766,000043
CURRENT APPLICATION NUMBER: US/09/749,728B
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: H11-372826
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: PCT-JP00-01148
PRIOR FILING DATE: 2000-02-28
PRIOR APPLICATION NUMBER: PCT-JP00-07741
PRIOR FILING DATE: 2000-11-02
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn Ver.2.0
SEQ ID NO 63
LENGTH: 215
TYPE: PRT
ORGANISM: Homo sapiens
US-09-749-728B-63

Query Match 53.9%; Score 591; DB 10; Length 215;
Best Local Similarity 57.3%; Pred. No. 9.7e-52;
Matches 110; Conservative 35; Mismatches 45; Indels 2; Gaps 2;

```
OY 1 MYSAPSACTGCLHFLICFOYVLAENVDRIHVENOTRARDVSRKOLRYOLYSR 60
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 MGSPPSALSCLLHLVLCLOAQVTV-OSSPNFTQHVREOSLVTDQLSRRLRYOLYSR 59
OY 61 TSGKHIOVL-GRRISARGEDGDKYAQLVETDFTGSOVRKIKETEFLICMNRKGLYK 119
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 60 TSGKHVOVLANKRINAMAEDEDPFAKLIVETDFTGSRVRAEGAETGLYICMNRKGLYK 119
OY 120 PDGTSKECVFTEKVLNNYNTALMSAKYSGWYVGTFRKGRPKRPTRENOQDVHFMKRY 179
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 120 SNGKGDVFTFTEIYVLENNYNTALQNAKYGWYMAFTFRKGRPKRSGTRQHQREVEHMKRLP 179
OY 180 KGQPELOKPEKY 191
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 180 RGHHTTEOSLRF 191
```

RESULT 13

US-09-822-485-20
Sequence 20, Application US/09822485
Patent No. US20020001825A1
GENERAL INFORMATION:
APPLICANT: Itch, NO. US20020001825A1uyuki
TITLE OF INVENTION: NO. US20020001825A1el Fibroblast Growth Factor-Like Polypepti
FILE REFERENCE: 08035,0001-01000
CURRENT APPLICATION NUMBER: US/09/822,485
CURRENT FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 20
LENGTH: 220
TYPE: PRT
ORGANISM: Homo sapiens
US-09-822-485-20

Query Match 52.1%; Score 571; DB 10; Length 220;
Best Local Similarity 54.1%; Pred. No. 1e-49;
Matches 112; Conservative 38; Mismatches 39; Indels 18; Gaps 4;

```
OY 11 LCLHFLICFOYVLAEN--VDRIHVENOTRARDVSRKOLRYOLYSRTSGKHIO 67
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 16 LCLQLLILCCOTQ---GENHPSFNFNOYVRDQGMATDQLSRQIREYOLYSRTSGKHIO 71
OY 68 VLGRISARGEDGDKYAQLVETDFTGSOVRKIKETEFLICMNRKGLYKPDGTSREK 127
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 72 VTGRISATFADGNKFAFLIYETDFTGSRVRAEGAETGLYICMNRKGLYKPSKSDC 131
OY 128 VFIEKVLNNYNTALMSAKYSGWYVGTFRKGRPKRPTRENOQDVHFMKRYPKGO---- 182
    |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 132 VFTEIYVLENNYNTAFQNAHNEGWMFAFTFRQGRPRQASRSRQNDREAHFTKRYOGCLPPPN 191
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